

SFINTIANU, Dragos

New methods of spreading the antifriction films in bearing construction.
Constr mas 16 no.11:609-612 N '64.

SFINTBANU, Dragos, ing.; DRAGULIN, Mircea, ing.

Behavior of crankshafts in diesel engines depending on material assembling systems, and working conditions. Constr mas 15 no.10: 698-701 0 '63.

1. The "23 August" Plant, Bucharest.

L 64944-65 EWP(w)/EWP(i)/T/EWP(t)/EWP(b)/ETC(m) EW/JD/WW

ACCESSION NR: AP5023539 RU/00.8/64/000/011/0609/0612

AUTHOR: Sfinteanu, Dragos 44

TITLE: New methods of spreading antifriction films in bearing construction 27
13

SOURCE: Constructia de masini, no. 11, 1964, 609-612 11 2 44

TOPIC TAGS: mechanical engineering, antifriction bearing, antifriction material, internal combustion engine component, internal combustion engine 16

ABSTRACT: The author summarizes the approved methods of applying antifriction films on the various types of bearings for internal combustion engines that are produced or extensively used in Rumanian industry.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: IE, PR

NR REF SOV: 000 OTHER: 000 JPRS

1/1/72

SFIRLEAZA, V., dr.; CORNEA, Ninetta, dr.

Mauriac syndrome. (Considerations on 2 clinical cases).
Med. intern. (Bucur) 15 no.9:1095-1099 7 '64.

1. Liverare efectuate in spitalele nr. 1, Craiova.

S/079/62/032/012/006/003
D424/D30"

AUTHORS: Gershkovich, Zh., Duvalma, M., Meruyu, Ye., Sfitses-
ku, K., Korletyanu, Ye., Vaynberg, K. and Smorzhev-
skaya, N.

TITLE: Production of isoprene from dimethyldioxan. III.
Acidity and activity of the cracking catalyst

PERIODICAL: Zhurnal obshchey khimii, v. 32, no. 12, 1962,
3992-3997

TEXT: The present article deals with the production of
isoprene by the vapor-phase catalytic cracking of dimethyldioxan
and shows that the activity of the catalyst depends on the presence
of Brönsted acid sites, the reaction being analogous to that carried
out in solution with acid catalysts. The catalysts used in the pre-
sent work were prepared by calcining silica + 5% of alumina at 500°C,
impregnating this support with solutions of phosphates (sodium, am-
monium, calcium, etc.) of various concentrations, and calcining at
400°C. The proton acidity of the catalysts was measured by ion-ex-

Card 1/3

Production of isoprene

S/079/62/032/012/006/008
D424/D307

change with neutral ammonium acetate solution, and their surface area by a simplified BET method. Plotting the increase in activity (total conversion under standard conditions) of the catalyst against increase in proton acidity gives a characteristic curve consisting of two rectilinear sections, the slope suddenly becoming more pronounced at a content of active phase in the catalyst of about 4%, corresponding to an acidity of 0.050 m-equiv/g. The selectivity also rises very rapidly and linearly, up to a proton acidity of about 0.10 m-equiv/g, after which it continues to rise very slowly, the conversion of dimethyldioxan to isoprene, however, remaining constant (because of a slight decrease in the total conversion) at about 47% under standard conditions (after 3 hrs with a space velocity of 0.4 hr⁻¹, at 300°C). The relationship between the first-order velocity constant and the acidity of the catalyst is similar to that for homogeneous acid catalysis. The specific surface of the catalyst falls as the content of active phase is increased from 0 to 34%, except that at 2% it is greater than at 5%. During working, as the catalyst becomes coated with 'coke' its acidity diminishes and the conversion falls, the selectivity increasing slightly.

Card 2/3

S/079/62/032/012/006/008
D424/D307

Production of isoprene ...

The nature of the curve of the increase in acidity with the amount of active phase is explained by the formation of aggregation polymers by the phosphate on the surface of the support. The dependence of the activity on the proton acidity is explained by the formation of active surface compounds by the dimethyldioxan at the Brönsted acid sites. The levelling off of the conversion to isoprene at a certain acidity is due to the decreased specific surface and consequent decreased adsorption. The main side reaction - the production of isobutylene - takes place at both Brönsted and Lewis acid sites and is therefore independent of the presence of the active phase. Because the Brönsted acid sites are screened to some extent from 'coking up' by their adsorption of the dimethyldioxan, the Lewis acid sites are lost more rapidly during the working of the catalyst, which accounts for the increase in selectivity during working. There are 6 figures and 2 tables. ✓

ASSOCIATION: Khimicheskiye issledovatel'skiy institut, Bucharest
(Chemical Research Institute, Bucharest)

SUBMITTED: May 22, 1961

Card 3/3

SFINTESCU C
GERSHKOVICH, Zh.[Herscovici, G.]; DUVALMA, M.; MEROYU, Ye.[Merou, E.];
SFINTESCU, K.[Sfintescu, C.]; KORLETYANU, Ye.[Corleteanu, E.];
VAYNBERG, M.; SMORZHEVSKAYA, M.

Preparation of isoprene from dimethyldioxane. Part 3:Acidity
and activity of a cracking catalyst. Zhur. ob. khim. 32 no.12:
3992-3997 D '62. (MIRA 16:1)

1. Khimicheskiy issledovatel'skiy institut, Bukharest.

(Isoprene) (Dioxane) (Catalysts)

BACHIU, Kl. [Baciu, Cl.]; SGABURA, I.

Significance of Turner's symptom in fractures of the meniscus.
Ortop., travm. i protez. 25 no.4:57-58 Ap '64 (MIRA 18:1)

1. Iz kliniki ortopedii i travmatologii fakul'teta dlya spetsializatsii i usovershenstvovaniya vrachey i farmatsevtov na baze bol'nitsy Brynkovenesk v Bukharesta (rukovoditel' raboty A.Deniskiy). Adres avtorov: Bukharest, bol'nitsa Brynkovenesk.

SINGER, G., Dr.; SGALLOVA, I., Dr.; KUDRNOVSKY, J., Dr.

Retinal hemorrhages in newborn. Cesk. ofth. 12 no.3:184-189
June 56.

1. Z očniho oddeleni UVN.
(RETINA, hemorrhage,
in newborn (Cz))
(INFANT, NEWBORN, diseases,
retinal hemorrh. (Cz))
(HEMORRHAGE,
retina, in newborn (Cz))

53-7000012 F
EXCERPTA MEDICA Sec 17 Vol 5/5 Public Health May 59

1316. EPIDEMIOLOGICAL CONSIDERATIONS ON POLIOMYELITIS IN ROUMANIA -
IA - Quelques considérations épidémiologiques sur l'évolution de la polio-
myélite en Roumanie - Ionesco-Mihărești C., Sgândăru P. and
Biberi-Moroianu S. - ARCH. ROUM. PATH. EXP. MICROBIOL. 1957,
16/2 (161-170) Graphs 4 Tables 2

After the epidemic of 1927-28 with 2,200 paralytic cases, poliomyelitis was very rarely seen in Roumania up to 1949. The epidemic which occurred in that year was followed at steadily shorter intervals by other epidemics. Many cases occurred especially in rural areas, and the epidemics also showed a regional character. 69% of the cases were in children under 3 yr. and many infants under 6 months were also affected. The incidence of multiple cases in a single family was remarkably high, in contrast to what has been observed elsewhere. Type I was found to be the chief agent, while Cocksackie virus was isolated in addition to polio virus from many cases.

Kalwij - Amsterdam (L,17,8)

SGAVIRDIA
PAUNESCU-PODEANU, A.; BERINDE, L.; GEORGESCU, I.; SGAVIRDIA, C.; ROTH, L.; SANDOR, S.;
LUPEA, V.; REICHTATH, S.

Antibody disease, A case of complex disorder of the process of
antibody formation. Med. int., Bucur. 9 no.6:915-920 June 57.

(ANTIBODIES

form. disord. causing defic. of immunizing antibodies
& excess of allergizing & aggressive antibodies.)

PANUNESCU-PODEANU, A.; BERINDEI, L.; MICLEA, F.; DANCAU, G.; FAICOIANU, A.;
SGAVIRDIA, C.; LAZAR, G.

Reactive episodic hypertension during the initial period of myocardial
infarct. Med. int., Bucur. 10 no.4:541-546 Apr 58.

(MYOCARDIAL INFARCT, manifestations
episodic hypertension, in early infarct)
(HYPERTENSION, etiol. & pathogen.
myocardial infarct, early stages)

SGIBNEV, A.; SERGEYEV, S.; DANILINA, A., tekhnicheskiy redaktor.

[In the new Germany; a Soviet journalist's notes] V novoi
Germanii; Zapiski sovetskogo zhurnalista. Moskva, Gos.
Izd-vo polit. lit-ry, 1955. 94 p. (MLRA 8:7)
(Germany, East--Description and travel)

SGIBNEV, A., podpolkovnik; SYROVATKIN, I., podpolkovnik

So that the experience of the best may become the property of all...
Komm. Vooruzh. Sil 46 no.7:89-92 Ap '65.

(MIRA 18:5)

DENISOV, N., polkovnik; SGIBNEV, A., podpolkovnik

Harmony of hearts and thoughts. Komm.Vozruch.Sil 1 no.3:46-49
F '61. (MIRA 14:8)

(Russia--Army--Military life)

SGIBNEV, A., podpolkovnik

"The 'beacon lights' of our regiments" by V. Karpov. Reviewed
by A. Sgibnev. Komm.Vooruzh.Sil 3 no.21:90-92 N '62.
(MIRA 15:10)

(Soldiers) (Karpov, V.)

SGIBNEV, Aleksandr Andreyevich; KUDRYAVTSEV, A.G., red.

[Friends and comrades; short stories] Druz'ia - tovarishchi;
oчерki. Moskva, Izd-vo gazety "Krasnaia zvezda," 1961.
31 p. (Bibliotekhka "Krasnoi zvezdy," no.13(73))

(MIRA 15:5)

(Russia---Armed forces---Military life)

NOVIKOV, Marian Vasil'yevich; SGIBNEV, Aleksandr Andreyevich;
GROMOV, O.V., podpolkovnik, red.

[Exploit in the land of Algeria] Podvig na zemle Alzhira.
Moskva, Voenizdat, 1965. 117 p. (MIRA 18:12)

1. SGIBNEV, A. P.
2. USSR (600)
4. Feeding and Feeding Stuffs - Verkhnyaya Khortitsa District
7. Work of the fodder brigade at the Kaganovich Collective Farm.
Sots. zhiv. 14 No. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

SAIBNEV, A. T.

"Influence of Certain Additives upon the Rate of Hydrogen Reduction of Oxides of Iron, Nickel, Cobalt, and Mercury." Siberian Metallurgy Institute imeni Sergo Orzhonikidze, Tomsk State University imeni V. V. Kuybyshev, Stalinsk (Tomsk), 1953. (Dissertation for the Degree of Candidate of Chemical Sciences.)

SO: M-972, 20 Feb 56

SGIBNEV, A.T.

USSR/ Chemistry - Reduction processes

Card 1/1 Pub. 147 - 9/25

Authors : Sgibnev, A. T.

Title : ~~Effect of certain additions on the rate of reduction of nickel, cobalt and mercury oxides~~
Effect of certain additions on the rate of reduction of nickel, cobalt and mercury oxides

Periodical : Zhur. fiz. khim. 28/10, 1770-1773, Oct 1954

Abstract : Investigations were conducted to determine the effect of certain solid substance additions on the rate of reduction of Co_3O_4 , HgO and Ni_3O_4 with hydrogen. The mechanism of the investigated metal oxide reduction process with additions of solid substances is explained. A considerable acceleration in the reduction reaction of Ni_3O_4 , Co_3O_4 and HgO was observed in the presence of CuO . Al_2O_3 was found to inhibit the reduction of Ni_3O_4 and Co_3O_4 . The reduction of HgO was observed to be most energetic in the presence of $\text{Al}(\text{OH})_3$. Four USSR references (1937-1952). Tables; graphs.

Institution : The S. Ordzhonikidze-Siberian Metallurgical Institute, Stalinsk

Submitted : January 9, 1954

56.11.1958, 11. V.

BYKHOVSKIY, M.L., doktor tekhn.nauk; BADULIN, S.S., kand.tekhn.nauk
MOROZOV, K.K., inzh.; SGIBNEV, A.V., inzh.; TRET'YAKOVA, N.I.,
inzh.

Investigating the precision of amplifiers of intermediate
frequency. Nauch.dokl.vys.shkoly; mash.i prib. no.2:162-173
'58. (MIRA 12:10)

1. Predstavleno Moskovskim vysshim tekhnicheskim uchilishchem im.
Baumana.

(Amplifiers, Electron tube--Testing)

9(2)

AUTHORS:

SOV/159-58-3-27/31
Bykhovskiy, M.L., Badulin, S.S., Morozov, K.K., Sgibnev, A.V. and Tret'yakova, N.I.

TITLE:

An Investigation of the Accuracy of Intermediate Frequency Amplifiers

PERIODICAL:

Nauchnyye doklady vysshey shkoly, Mashinostroyeniye i priborostroyeniye, 1958, Nr 3, pp 190-196 (USSR)

ABSTRACT:

This is Part II of a paper of which Part I was published in the preceding number of subject periodical. In this part, the authors present the experimental determination of influence coefficients by the method of converted circuits. Figure 1 shows two graphs of the IF amplifier of the TV set "Start". Figure 2 shows the apparatus used for the experimental determination of the influence coefficients, consisting of a tube voltmeter LB-9, generator GSS-6 and oscillograph EO-7 for determining the phase by means of Lissajou figures. The final chapter is devoted to methods of adjusting and tuning IF amplifier stages. The authors then summarize the results of their investigations:

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SOV/159-58-3-27/31

An Investigation of the Accuracy of Intermediate Frequency Amplifiers

1) The basic conceptions were formulated for obtaining formulae for calculating the accuracy of intermediate frequency amplifiers, especially for determining the error in the amplitude-frequency characteristic, the irregularity error of the amplification factor and the phase errors of amplifiers; 2) Experimental methods for investigating and calculating of the IF amplifier accuracy; 3) Graphs were presented for influence coefficients; 4) The accuracy of amplifiers was analyzed; 5) Methods for tuning IF amplifiers were developed and equations were obtained describing the tuning processes. The theory developed in this paper and the methods are illustrated by typified IF amplifier networks. For other networks, the calculation results and the analyses will be different. However, the formulae explained in this paper may be used in an analogous manner without great difficulty for other networks, for example, amplifier stages

Card 2/3

An Investigation of the Accuracy of Intermediate Frequency Amplifiers

SOV/159-58-3-27/31

with grounded grids, etc. There are 1 photograph,
2 graphs and 1 table.

This article was presented by the
Kafedra "M-1" Moskovskogo vysshego tekhnicheskogo
uchilishcha imeni Baumana (Chair "M-1" of the Moscow
Higher Technical School imeni Bauman)

SUBMITTED: February 7, 1958

Card 3/3

BYKHOVSKIY, M.I.; RADULIN, S.S.; MOROZOV, K.K.; SGIBNEV, A.V.; TRET'YAKOVA,
N.I.

Investigating the precision of discriminators. Nauch. dokl. vys. shkoly;
mash. i prib. no.2:201-220 '59. (MIRA 12:12)
(Radio frequency modulation)

KOROTIN, Ivan Mikhaylovich; SGIBNEV, Gennadiy Fedorovich;
GORCHAKOV, A.V., nauchn. red.; BOBROVA, T.L., red.;
NESMYSLOVA, L.M., tekhn. red.

[Specialist in the heat treatment of metals] Termist. Mo-
skva, Proftekhizdat, 1963. 279 p. (MIRA 16:11)
(Metals--Heat treatment)

SGIBNEVA, L.A.

Application of theoretical calculations to the study of tidal phenomena. Trudy Okean. kom. 10 no.1:61-68 '60. (MIRA 14:6)

1. Gosudarstvennyy okeanograficheskiy institut Glavnogo upravleniya gidrometeorologicheskoy sluzhby.
(Tides)

L 10739-63

ENT(1)/BDS--ABEC/ASFTG/ASD--NW

ACCESSION NR: AP3002588

S/0146/63/006/003/0161/0163

AUTHOR: Sgibnev, M. N.

TITLE: Photoelectric device for controlling vacuum systems ²¹

SOURCE: IVUZ. Priborostroyeniye, v. 6, no. 3, 1963, 161-163

TOPIC TAGS: vacuum regulation and measurement, devices for vacuum-gauge applications

ABSTRACT: A photoelectric device has been developed which insures the formation and maintenance of a desired vacuum. It may be used for the switching on and off or adjustment of any instrument whose operation depends on vacuum in any pressure range which can be measured with VIT-1 or VI-3 vacuum gauges. The basic circuit of the device is shown in Fig. 1 of the Enclosure. The coil of microammeter M-494 is connected in series with the coil of the microammeter of the vacuum gauge. The photoresistors P_1 and P_2 , together with the lamps which illuminate them, may be fixed at

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L 10739-63

ACCESSION NR: AP3002588

different points on the scale so that the device may be operated at various pressures. When the flux illuminating photoresistor P_1 is overlapped by the paper flag indicator of the instrument, photoresistor resistance increases, and the current in polarized relay R_1 decreases. The resulting operation of R_1 and R_2 produces a voltage which is used to control the actuating mechanism of the instruments whose pressure is being maintained. Orig. art. has: 1 figure.

ASSOCIATION: Leningradskiy institut tochnoy mekhaniki i optiki. Kafedra radiotekhniki (Leningrad Institute of Precision Mechanics and Optics.
Department of Radio Engineering)

SUBMITTED: 20Dec62

DATE ACQ: 24Jul63

ENCL: 01

SUB CODE: 00

NO REF SOV: 001

OTHER: 000

Card 2/32

SGIBNEV, S.G., elektromekhanik

We are introducing automatic control. Neftianik 6 no.11:22
N '61. (MIRA 14:12)

1. Vladivostokskaya neftebaza.
(Hot-water heating)
(Automatic control)

SGIRNEI, V.D.: KRUTYAKOVA, A.V.: STEELEKOVA, A.I., GRICORIYEVA, M.Z.; KUZNETSOV, A.N.:
SHLAGHO, A.V.: TRUFANOVA, A.M.

Meat Industry and Trade

Stakhanovite innovators speak of their work. Mias. ind. SSSR no. 2, 1952.

Monthly List of Russian Acquisitions, Library of Congress. August, 1952. UNCLASSIFIED.

SABIN, V. V.

SABIN, V. V. -- "Investigation of the Strain-Relaxation of Thin Plates in Stretching."
* (Dissertation for Degree in Science and Engineering) Defended at USSR Higher Educational
Institutions) in the Heavy Machine Construction USSR, Central Institute of Technology
and Machine Construction, (VNIITMash), Moscow, R/SS

SO: Kolchakov, V. V., No. 1, 11 Jan 55

* For Degree of Doctor of Technical Sciences

SGIBNEV, V. F.

MOSHVIN, Ye.N., kandidat tekhnicheskikh nauk; SGIBNEV, V.F., kandidat tekhnicheskikh nauk.

Straightening by stretching. Vest.mash. 37 no.6:34-38 Je '57.
(MLRA 10:7)
(Machine-shop practice)

25 (1)

PHASE I BOOK EXPLOITATION

SOV/1661

Sgibnev, Vladimir Fedorovich

Kuznechno-shtampovoye proizvodstvo; zadachi i uprazheniya (Forging and Stamping , Problems and Exercises) Moscow, Mashgiz, 1958. 150 p. 10,000 copies printed.

Reviewer: A.M. Mansurov, Engineer; Ed.: V.A. Mezheva; Tech.Ed.: A.Ya. Tikhanov; Managing Ed. for Literature on Heavy Machine Building: S.Ya. Golovin, Engineer.

PURPOSE: This is a textbook for machine-building tekhnikums and for students specializing in forging and stamping.

COVERAGE: The book presents typical problems and exercises relating to the preparation of metal for forging and stamping, determination of billet dimensions, economical layout of material, forging and stamping regimes, design of necessary equipment, determination of the yield of production, and the like. There are 50 Soviet references. No personalities are mentioned.

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Card 5/6	

AUTHOR: Sgibnev, V.F., Candidate of Technical Sciences SOV/122-58-12-12/32
TITLE: Considerations of Anisotropy on Fabrication of Sheet Metal
(Ob uchete anizotropii svoystv metallov pri ikh obrabotke)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, Nr 12, pp 33-34 (USSR)

ABSTRACT: Anisotropy in sheet metal causes the festooning illustrated by the drawn cups in Fig 1. When sheet metal is stretch formed between clamps, as shown in Fig 2, unequal contraction occurs across the width of the sheet due to the rigidity of the clamped portion. Measurements were made on specimens of steel, aluminium and of alloy which were 0.8 to 1 mm thick, 300-900 mm wide and 1920 mm long. The specimens were stretched longitudinally by 10 - 12%. Even at the centre of the stretched specimens the lateral strain ϵ_2 is not equal to the strain ϵ_3 normal to the thickness of the material and Poisson's ratio is not 0.5. The relation between longitudinal strain ϵ_1 and lateral strain ϵ_2 is not determined by the dimensions of the piece, as is supposed by some authors, but is governed by anisotropy of the material. Fig 3 shows that lateral strain is linearly proportional to

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SOV/122-58-12-12/32
Considerations of Anisotropy on Fabrication of Sheet Metal

longitudinal strain and Poissons ratio constant for any given material. From known relationships between shear modulus and principal stress, formulae (6) and (7) are derived for anisotropic material. These enable longitudinal and lateral stresses to be calculated provided that the anisotropic Poissons ratio μ' which is equal to ϵ_2/ϵ_1 is known. This ratio can be found experimentally by measuring the strains ϵ_2 and ϵ_1 from the scribed grid on a test piece. Formula (7) enables the existence of supplementary compressive stress across the sheet to be proved. These give rise to the longitudinal waves in the stretched sheet depicted in Fig 4. There are 4 figures.

Card 2/2

SGIBNEV, Vladimir Fedorovich; SIROTIN, A.I., inzh., red.; EL'KIND,
V.D., tekhn.red.

[Design and manufacture of dies] Konstruktsii i izgotovlenie
shtampov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry.
1960. 186 p. (MIRA 14:3)
(Dies (Metalworking))

S/182/62/000/007/004/007
D040/D113

AUTHOR: Spiribnev, V.P.

TITLE: Anisotropic properties of coiled bands

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, no. 7, 1962, 24-27

TEXT: The drawability of coiled band metal was studied in experiments in view of its extensive application in stamping with automatic feed and the growing tendency to stamp large items from a band. The results confirmed data compiled by the Bethlehem Steel Corporation showing that steel with high anisotropy has the best drawability in all directions in the plane of the sheet. Reference is made to other analogous recommendations (R.L. Whiteley, D.E. Wise, D.I. Blickwede, Anisotropy is an Asset for Good Drawability. Sheet Metal Industries, 1961, 38, no. 409, 349-353; R.L. Whiteley, Factors Affecting the Drawability of Sheet Steel. Blast Furnace and Steel Plant, 1960, 48, no. 12, 1245-1250) the data of which were utilized in the study. The regularities of deformation in coiled metal in comparison to noncoiled sheet metal were studied in drawing large specimens with a

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S/18:/52/000/007/004/007
D040/D113

Anisotropic properties...

preliminarily traced network of fine scratches. The following values of deformation factors in the width $\left(\left| \mu_w \right| = \left| \frac{\epsilon_2}{\epsilon_1} \right| = 0.5 \right)$ and in the depth

$\left(\left| \mu_d \right| = \left| \frac{\epsilon_3}{\epsilon_1} \right| = 0.5 \right)$ were stated in anisotropic specimens (where ϵ_1 is the value of logarithmic stretching deformation, and ϵ_2 and ϵ_3 logarithmic deformation values in width and depth adopted from the reference works):

	μ_w	μ_d
A1 (Al) aluminum.....	0.335	0.665
Annealed A1 (D1) alloy....	0.39	0.61
Annealed A16 (D16) alloy..	0.42	0.58
08 steel, as supplied.....	0.55	0.45

Steel grade 08 is destined for very deep drawing of hollow work and has a higher deformability in the sheet plane than in depth; this is its advantage. Coiled steel thinned out intensively during initial stretching and only slightly widened, but the anisotropic factor increased as stretching was prolonged and reached its maximum after 10-12% elongation, after which the

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S/182/62/000/007/004/007
DC40/D113

Anisotropic properties...

drawability was good. The article includes mathematical calculations and graphs showing the calculated dependence of the transverse deformation on the longitudinal deformation, dependence of the anisotropy factor in coiled band on the value of longitudinal deformation, and the transverse deformation factors calculated theoretically and empirically. Conclusions: (1) Metal used for deep drawing must have a considerably higher deformation capacity in the sheet plane than in depth; (2) the coiled strip must be flattened by rolls placed between the coil and the automatic feeder feeding the strip into the die. There are 4 figures and 2 tables.

Card 3/3

SGIBNEV, Vasilii Matveyevich; ROTENBERG, A.S., redaktor izdatel'stva;
PUL'KINA Ye.A., tekhnicheskiy redaktor

[Progressive methods in assembling buildings of large blocks]
Peredovye metody montazha krupnoblochnykh zdaniy. Leningrad, Gos.
izd-vo lit-ry po stroit. i arkhitekture, 1956. 73 p. (MLRA 10:1)
(Precast concrete construction)

SGIBNEV, V.V.

Service of precision. Standartizatsiya 28 no.10:55-57 O '64.
(MIRA 17:12)

SGIBNEVA, G. A.

SOV/124-58-2-2434

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 2, p 122 (USSR)

AUTHORS: Fedortsov-Lutikov, G. P., Prolygina, T. S., Surovtseva, Ye. D.,
Sgibneva, G. A.

TITLE: Investigation of High-temperature Strength Characteristics of
1Kh18N9T Steel (Issledovaniya prochnostnykh svoystv stali
1Kh18N9T pri vysokikh temperaturakh)

PERIODICAL: V sb.: Vopr. metalloved. kotloturbinnykh materialov, Moscow,
Mashgiz, 1955, pp 176-191

ABSTRACT: Bibliographic entry

Card 1/1

FEDORTSEV-LUTIKOV, G.P., kandidat tekhnicheskikh nauk; GRIBOYEDOVA, T.S.,
inzhener; SUROVTSEVA, Ye.D., inzhener; SGIBNEVA, G.A., inzhener.

Study of the properties of 1Kh18N10T steel in connection with its
use for steam boiler tubes. Energomashinostroenie no.3:18-22
D '55. (MLRA 9:5)

(Steel--Testing)

SGIBNEVA, L.A.

Tidal currents in the Barents Sea. Trudy GCIN no.46:65-72 '59.
(MIRA 13:5)

(Barents Sea--Tides)

SGIBNEVA, L.A.

Calculation of the tidal variations in level based on observations
of currents in the Barents Sea. Okeanologiya 4 no.1:55-63 '64.
(MIRA 17:4)

1. Gosudarstvennyy okeanograficheskiy institut, Moskva.

L 26474-66 EWT(1) GW

ACC NR: AP6017396

SOURCE CODE: UR/0020/65/164/002/0315/0318

AUTHOR: Sgibneva, L. A.; Fel'zenbaum, A. I.

ORG: State Oceanographic Institute (Gosudarstvennyy okeanograficheskiy institut);
Marine Hydrophysical Institute, AN UkrSSR (Morskoy gidrofizicheskiy institut AN UkrSSR)

TITLE: Theory of tides in a liquid with friction

SOURCE: AN SSSR. Doklady, v. 164, no. 2, 1965, 315-318

TOPIC TAGS: ocean tide, sea water, computer calculation, ocean dynamics

ABSTRACT: In computing tides in sea and ocean basins it is necessary to take into account the variability of current velocity as a function of the vertical coordinate. In this article the authors consider this problem taking into account turbulent friction in sea water resulting from vertical exchange of momentum. This effect is maximal in shallow seas, whereas the inhomogeneity of sea water is more important in deep seas and oceans. As in Sverdrup's studies, friction in sea water is taken into account by introducing into the equations of horizontal motion terms which contain the second derivatives of current velocity relative to the vertical coordinate. The authors consider the general case when current velocity is dependent not only on time and the vertical coordinate, but also on both horizontal coordinates. A system of equations is derived which is integrated easily using an electronic computer. Orig. art. has: 40 formulas. [JPRS]

SUB CODE: 08 / SUBM DATE: 01Mar65 / ORIG REF: 001 / OTH REF: 002
 Card 1/1 pp

26
B

SGIBNEVA, I.A.

Tides of the Barents Sea. Trudy GOIN no.75:5-19 '64. (MIRA 17:10)
Survey of studies on the calculation of the effect of friction in
tidal calculations. Ibid.:20-28

SGIBNEVA, L.A.; FEL'ZENBAUM, A.I.

Theory of tides in a fluid with friction. Dokl. AN SSSR 164
no.2:315-318 S '65. (MIRA 18:9)

1. Gosudarstvennyy okeanograficheskiy institut i Morskoy
gidrofizicheskiy institut AN UkrSSR. Submitted March 3, 1965.

SGIBNEVA, L.A.

Some problems connected with Proudman's tidal theorem. Okeanologiya 4
no.4:583-594 '64. (MIRA 17:10)

1. Gosudarstvennyy okeanograficheskiy institut.

SGIENWA, L.A.

Method of calculating tides in a sea with arbitrary contours;
based on the example of the White Sea. Okeanologiya 4 no.5:
916-917 '64 (MIRA 18:1)

SGIEREVA, O.V. (Stalingrad, Sovetskaya ul., d.12 kv.4)

Combination of cancer and leiomyoma of the stomach. Vop.onk. 5
no.5:609-611 '59. (MIRA 12:12)

1. Iz kafedry patologicheskoy anatomii Stalingradskogo meditsinskogo
instituta (zav. - prof. V.I. Vitushinskiy).
(STOMACH NEOPLASMS, case reports
cancer with leiomyoma (Rus))
(LEIOMYOMA, case reports
stomach with cancer (Rus))

SGIBNEVA, O.V.

Healing process of gastrointestinal and gastroesophageal anastomoses
following surgery for cancer of the stomach. Vest.khim. 83 no.3:54-
60 Mr '60. (MIRA 13:12)

(ALIMENTARY CANAL—SURGERY)

SGIBNEVA, O.V.

Problem of the causes of death in thrombophlebitic splenomegaly.
Ark. pat. 23 no.3:64-68 '61. (MIRA 14:3)
(SPLEEN--DISEASES) (PORTAL VEIN--DISEASES)
(DEATH--CAUSES)

KRUGLOVA, S.S.; SGIBNEVA, O.V., kand.med.nauk (Volgograd)

Rare case of prolonged pulmonary hemorrhage from an atherosclerotic aneurysm of the thoracic aorta. Klin.med. no.12:110-111 '61.

(MIRA 15:9)

1. Iz kafedry gosspital'noy terapii (zav. - dotsent A.B. Zborovskiy) i kafedry patologicheskoy anatomii (zav. - prof. V.I. Vitushinskiy).

(ARTERIOSCLEROSIS) (AORTIC ANEURYSMS) (HEMORRHAGE)

SGIBNEVA, O.V.

Malignant tumors from the pia mater of the spinal cord. Zhur. nevr.
i psikh. 62 no.4:504-507 '62. (MIRA 15:5)

1. Kafedra patologicheskoy anatomii (zav. - prof. V.I.Vitushinskiy)
Volgogradskogo meditsinskogo instituta.
(PIA MATER--CANCER) (SPINAL CORD--CANCER)

SGIBNEVA V.I.

· Control of protective coatings. Mashinostroitel' no.6:45-46
Je '61. (MIRA 14:6)

(Protective coatings---Testing)

NECHAYEV, Yu.B. kand.med.nauk; BUYANOVA, N.I.; SCIBNEVA, Ye.V.

Introductory intravenous anesthesia with baitinal. Vest.khir.
no.1:99-104 '62. (MIRA 15:1)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. A.N.
Bakulev) 2-go Moskovskogo meditsinskogo instituta im. N.I. Pirogova
(dir. - dotsent M.G. Sirotkina).
(BARBITURATES) (INTRAVENOUS ANESTHESIA)

SAVEL'YEV, V.S.; SGIBNEVA, Ye.V.; SAVCHUK, B.D.

Introduction of the operative period in a transverse heart block.
Eksper. khir. i anest. 9 no.4:89-94 J1-Ag '64.

(MIRA 18:3)

1. Klinika fakul'tetskoy khirurgii imeni Spasokukotskogo (dir. -
akademik A.N. Bakulev) II Moskovskogo meditsinskogo instituta
imeni Pirogova.

Sgibova, V. V.

USSR/General Problems of Pathology - Tumors.

S-4

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71552

Author : Perevodchikova, L.N., Sgibova, V.V.

Inst :

Title : Leukemoid Reaction in Cancer.

Orig Pub : Materialy po bor'be so zlokachestv. opukhlyami, Ufa 1955,
Vyp. 5, 3-5

Abstract : Two cases of leukemoid reaction in cancer patients.
The first in a man - 45, suffering from bronchogenic cancer with infiltration into the pericardium, epicardium, and myocardium with increased lymph nodes in the paratracheal and sub-muscular walls. With normal red count the leucocyte count was 50 000/ cmm of which 89 percent were lymphoblasts, 3 percent lymphocytes. Many Botkin Humprecht cells were found, on which the diagnosis of lymphadenosis was based. The second case concerns a woman of 40, with stomach cancer and numerous

Card 1/2

- 43 -

BAZANOVA, S.V.; SGIBOVA, V.V.

Therapeutic department of a republic hospital and improvement of
medical care in villages. Sov.zdrav. 15 no.2:26-29 Mr-Apr '56
(MIRA 9:?)

1. Iz kafedry fakul'tetskoy terapii Bashkirskogo meditsinskogo
instituta i Respublikanskoy klinicheskoy bol'nitsy (Ufa)

(PUBLIC HEALTH

med. care in villages in Russia)

(RURAL CONDITIONS

same)

(HOSPITALS

improvement of republic hosp. in Russia)

BAZANOVA, S.V.; SGIBOVA, V.V. (Ufa)

Reserpine as an effective drug in the treatment of peptic ulcer and
dyskinesia of the large intestine. Vrach.delo no.8:861-862 Ag '59.
(MIRA 12:12)

1. Fakul'tetskaya terapevticheskaya klinika (zav. - prof. S.V. Bazano-
va) Bashkirskogo meditsinskogo instituta.
(RESERPINE) (PEPTIC ULCER) (INTESTINES--DISEASES)

BAZANOVA, S.V.; SGIBOVA, V.V.

Pentamine in the treatment of peptic ulcer of the stomach and
duodenum and in dyskinetic constipation. Khim. i med. no.15:
119-125 '60. (MIRA 15:1)

1. Iz kafedry fakul'tetskoy terapii (zav. - dotsent S.V.Bazanova)
Bashkirskogo meditsinskogo instituta.
(PEPTIC ULCER) (PENTAMINE THERAPEUTIC USE)
(CONSTIPATION)

SGIBOVA, V.V. (Ufa)

Hexonium treatment of peptic ulcers of the stomach and the
duodenum. Vrach. delo no.1: 135 Ja'64 (MIRA 17:3)

1. Kafedra fakul'tetskoy terapii (zav. - dotsent S.V. Bazanova)
Bashkirskogo meditsinskogo instituta.

SGILEVSKIY, A.

On the Volga in '42. Voen.znan. 40 no.11:18-19 N '64.

(MIRA 18:1)

1. The first group of people who are interested in the study of the history of the United States are the people who are interested in the history of the United States.

RUANDA

[illegible]

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

"Influence of Initial Ionization on Transient in
Gases, etc."

Exhibit A, pp. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844

for the U.S. Navy, the Bureau of Naval Ordnance and the U.S. Army, the Ordnance Department, and the U.S. Navy, the Bureau of Naval Ordnance.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001548220017-1"

1992

NESTOR, I., MD; SGLEIBMAN, ABRAHAM, MD.

Institute of Hygiene and Labor Safety of the R.P.R., Cluj
Branch and the Department of General Hygiene of the
Institute of Medicine and Pharmacy, Cluj. (Institutul
de igiena si protectia muncii R.P.R., Filiala Cluj si
Catedra de igiena generala a Institutului medico-farmaceutic,
Cluj) -(for all)

Bucharest, Igiena, Vol VII, No 2, Mar-Apr 63, pp 163-166.

"Comments on the Use of Filtrating Membranes in the Bacteriological Analysis of Water."

L 08501-67 FSS-2/EWT(1)/EWT(m) LJP(c) JCS
ACC NR: AP6034222 (N) SOURCE CODE: UR/0120/66/000/005/0078/0082

AUTHOR: Legar, F.; Maly, M.; Sgon, O.

ORG: Joint Institute of Nuclear Research, Dubna (Ob'yedinennyy institut yadernykh issledovaniy, Dubna)

TITLE: Semiautomatic device for survey and measurement of spark chamber photographs

SOURCE: Pribery i tekhnika eksperimenta, no. 5, 1966, 78-82

TOPIC TAGS: track analysis, radiation detecting device, particle trajectory

ABSTRACT: A new device for measuring the angular positions of particle tracks photographed by a standard 35-mm camera is described. A frame, which has been magnified 10x, is projected onto a translucent screen, on the device. Parallel lines are plotted over the surface of the screen (3 mm patch). The operator rotates the screen manually until the track is parallel with the lines on the screen. A special 11-bit code wheel attached to the screen then converts the screen position into Cray code, which can be recorded by a perforator on five-channel paper tape. The tape is fed into the M-20 computer for data processing. The device processes 1000 frames/hr if 10% of the frames are selected for

Card 1/2

UDC: 539.1.073

SGONDEA, Gheorghe

Fulfilling the tasks concerning the organization of labor protection.
Munca sindic 7 no.3:22-25 Mr '63.

1. Presedinte al comitetului sindicatului de la Uzina de tabla
subtire, Galati.

SGRUMALA, Mihail, ing.; CIUCA, Corneliu, ing.; COSTIN, Gheorghe, ing.;
FOLTEANU, Sorin, ing.

On the flame roughing of SHL-4 steel. Constr mas 15 no.8:
570-574 Ag'63.

1. Institutul politehnic , Galati (for Sgrumala, Ciuca).
2. Santierul naval, Galati (for Costin, Folteanu).

L 64931-65 EWP(k)/EWP(z)/EWA(c)/EWP(b)/T/EWA(d)/EWP(t) MJW/JD/HW

ACCESSION NR: AP5023454

RU/0018/64/000/009/0501/0508

AUTHOR: Sgrumala, Mihail (Engineer); Ciuca, Cornel (Engineer); Marinescu, Alexandru (Engineer)

TITLE: Hot straightening of deformations of ship hulls. The influence of heating on the characteristics of steel 09G2

SOURCE: Constructia de masini, no. 9, 1964, 501-508

TOPIC TAGS: steel, shipbuilding engineering, metal heat treatment

ABSTRACT: Authors' English summary modified: In order to rectify deformities in ship hulls made of steel 09G2, the authors propose the use of linear heating of the covering over the skeleton of the ships. The method was used on the 3,250 to 4,500 ton dead-weight cargo ships and 3,000 ton lumber-carrying ships built at the Galati Naval Yards. Orig. Art. Incl.: 16 figures, 5 tables, and 1 graph.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: GO, MM

NR REF SOV: 004

OTHER: 006

JPRS

1/1

L 46217-66 EWP(w)/EWP(k)/T/EWP(t)/ETI IJP(c) JD/HW

ACC NR: AP6034170

SOURCE CODE: RU/0018/66/000/002/0087/0093

AUTHOR: Sgrumala, Mihail; Ciuca, Corneliu; Razem, Constantin

ORG: none

TITLE: Study of the behavior of steel O9G2 during cold bending

SOURCE: Constructia de masini, no. 2, 1966, 87-93

TOPIC TAGS: metal bending, metal sheet, crystal anisotropy

ABSTRACT: The authors give the results of the experimental observation of the mechanical characteristics of steel sheet O9G2 during cold bending. They found that cold hardening during the cold bending process leads to a local increase of the anisotropy of the mechanical properties as well as to changes in the physical and technologic characteristics, and that this effect is stronger in the case of bends with smaller curvature radii. Orig. art. has: 15 figures and 6 tables. [Based on authors' Eng. abst.] [JPRS: 36,867]

SUB CODE: 11, 13, 20 / SUBM DATE: none / ORIG REF: 001 / SOV REF: 001
OTH REF: 001

Card 1/1 blq

L 9180-66

ACC NR: AF6001927

SOURCE CODE: UR/0115/65/000/001/0055/0056

AUTHOR: Sh. M. A.

ORG: none

TITLE: All-union scientific-technical conference on the use of measurement technology and automation in agriculture

SOURCE: Izmeritel'naya tekhnika, no. 1, 1965, 55-56

TOPIC TAGS: metrology, automation, scientific conference, agriculture, agricultural engineering, agriculture science

ABSTRACT: The ministry of Agriculture and other Government agencies sponsored a conference in Moscow on 26 to 30 October 1964 on the subject given in the title. More than 750 persons attended the meeting, which was keynoted by the Minister of Agriculture, I. P. Volovchenko. After addresses by secondary representatives of various Government agencies, the conference split into three sections, at which 120 papers were presented. Drawing exceptional interest were papers on cybernetics in agriculture. Many papers dealt with the use of electronic equipment for remote monitoring of climatic factors and environments for animals and plants. Many papers also dealt with measurement and automatic control of various quality factors for agricultural products. Quite a bit of attention was devoted to application of automation in animal husbandry.

Card 1/2

UDC: 681.2.001.8(063):63

L 9180-66

ACC NR: AP6001927

An exhibit of about 300 new measuring instruments was shown at the conference. Inadequacies are pointed out in educational efforts to encourage full and proper use of available instrumentation and automation techniques in agriculture and insufficient publication of pertinent articles in the periodical literature. A commission of 19 experts was selected to advise the appropriate Government agencies to correct the deficiencies noted. Plans were laid for the second conference to be held in 1967-1968. JFRS

SUB CODE: 13,02 / SUBM DATE: none

Cord 2/2 rds

MEAT, A. 1961, 1962, 1963, 1964

Review of works on fattening and controlled meat productivity
of swine for the years 1961-1962 in the German Democratic Republic.
Any proof post mark rein no. 13:181-194 '63.

1. Institute of Animal Breeding, Ditterdorf near Rostock.

Shaak, M.V.

GRAYEVSKIY, Ye.Ya.; OCHINSKAYA, G.K.; SHAAK, M.V.

Nature of the photodynamic process. Zh. obsh. biol., Moskva 13 no.
3:211-231 May-June 1952. (CLML 22:4)

1. Laboratory of Experimental and Pathological Morphology of the
Central Roentgenological, Radiological, and Cancer Institute of the
Ministry of Public Health USSR.

SHAAK, T.V.

~~Volvulus of the appendices epiploicae.~~ Vest.khir. 75 no.4:112-116
(MIRA 8:8)
My '55.

1. Iz 2-y khirurgicheskoy kliniki Gosudarstvennogo instituta usov-
vershenstvovaniya vrachey im. S.M.Kirova i bol'nitsy im. V.I.
Lenina. Leningrad, V.O., Bol'shoy prospekt, 71, bol'nitsa im.
Lenina.

(INTESTINAL OBSTRUCTION,
volvulus of appendices epiploicae, surg.)
(COLON, diseases,
volvulus of appendices epiploicae, surg.)

SHAAR, T.V., kandidat meditsinskikh nauk (Leningrad, Zhdanovskaya ul.,
d.3, kv.5)

Embolic aneurysms of abdominal arteries. Vest.khir. 78 no.3:
119-122 Mr '57, (MLRA 10:6)

1. Iz khirurgicheskogo otdeleniya bol'nitsy im. Lenina i 2-y
khirurgicheskoy kliniki (zav. - prof. G.A.Gomzyakov) Gosudarstvennogo
instituta usovershenstvovaniya vrachey im. S.M.Kirova.
(ABDOMEN, blood supply
aneurysm, embolic (Rus))

SHAAK, T.V., kand.med.nauk (Leningrad, Zhdanovskaya ul., d.3.kv.5)

Significance of agranulocytosis in surgical practice. Vest.khir.
81 no.10:123-126 0 '58 (MIRA 11:11)

1. Iz 2-y khirurgicheskoy kliniki (zav. - prof. G.A. Gomzyakov)
Leningradskogo instituta usovershenstvovaniya vrachey imeni
S.M. Kirova i bol'nitsy im. V.I. Lenina (gl. vrach - V.S. Razumikhin.)
(AGRANULOCYTOSIS, compl.
surg. dis., pregn. (Rus))

SHAAK, V. A.

DECEASED

1964

c. 162

MALIGNANT TUMORS

22327

S/167/61/000/001/001/004
A104/A133

98000

AUTHORS: Abdullayev, D. A., Zakharov, Ya. V., Shaakhmedova, R. A.

TITLE: Design of large scale telemechanical equipment with decentralized control points and non-contact circuits

PERIODICAL: Izvestiya Akademii nauk UzSSR. Seriya tekhnicheskikh nauk, no. 1, 1961, 7 - 15

TEXT: The overall automation and remote control, especially in petroleum and gas processing, mining, etc, requires equipment which eliminates the danger of arcs or sparks occurring during the switching, of which the non-contact circuits are most appropriate. Magnetic couplings with a rectangular hysteresis loop, semiconductor triodes and diodes increase the efficiency, simplify the construction and reduce the dimensions of remote control devices. The simplest non-contact relays are obtained using of magnetic material with a rectangular hysteresis loop. There are two groups of suitable materials, i. e. band-shaped perm-alloys (nickel-iron alloys) and ferrites composed of iron oxide and bivalent metal oxides. Electric and magnetic properties of ferrites produced in the USSR are given in Reference 2, (A. I. Pirogov, Author's abstract, of Candidate's dis-

Card 1/5

22327

S/167/61/000/001/001/004
A104/A133

Design of...

be at least four mean pulse-point blocks in each system, i.e., junction, intermediate, final with reciprocal retranslation of the cophasal pulse and a final pulse-point block of the system. The most frequent is the nodal pulse-point type. The pulse distributor of a semi-block dispatcher-point consists of a series of interconnected ferrite-diode couplings. They are divided into even and odd groups, fed by pulses of negative and positive polarity. The even groups receive and classify control signals and the odd groups transmit operational and cophasal impulses. The function of individual blocks and of the entire unit is described in the joint report of the IAT AN SSSR (Institute of Automation and Telemechanics of the Academy of Sciences USSR and the Institute of Power Engineering and Automation of the Academy of Sciences UzSSR, 1959. An experimental model designed in the workshop of the Institute of Automation and Telemechanics of the Academy of Sciences USSR for the dam of the Tyuya-Buguz storage lake on the Angren River, covers 30 objects. The installation consists of three pulse-point semi-blocks, each covering up to 10 objects and operating on double communication lines. Synchronous feeding of the dispatcher point and pulse-point is essential and permits the transmission of orders on the principle of presence or absence of pulses. At each pulse-point the retranslation is accompanied by amplification of signals, therefore the range of operation is determined by the distance between the two



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farthest pulse-points. If this distance does not exceed 50 km, the range is practically unlimited. The continuous cyclic function with time separation of channels enables the transmission of commands, telemetric and control signals by one communication line, thus combining a full control of a multipositioned object and simultaneous telemetric observation of its travel in the given direction. The main advantage of the modified system is the elimination of command converter elements, which increase the accuracy of operation and control. The use of non-contact elements reduces the danger of executing false orders to a minimum. Operational errors are caused mainly by the effect of surrounding media and disturbances in the communication channels. Laboratory tests carried out according to GNTK Soveta Ministrov SSSR (GNTK of the Council of Ministers of the USSR) proved the reliability of this system under the effect of pulsating and fluctuating disturbances at temperatures varying between -20°C and +60°C. Special tests verified the possibility of telephone communications parallel to the transmission of tele-signals. Mutual effects of operational pulses and telephone currents are prevented by low-frequency filters placed at the input of the pulse-points and high-frequency filters near the telephone. Adverse effects from variable voltage of the feeding current are prevented by adjustment of individual blocks within a range of 150 - 250 v, at a rated voltage of 220 v. There are 6 figures and 7

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STANKHIN, V. S .

Dissertation: "The Effect of the Thickness of a Stand of Perennial Grasses on the Yield of the Fodder Mass and the Accumulation of Roots in the Soil." Cand Agr Sci, Tashkent Agricultural Inst, 1 Jul 54. (Pravda Vostoka, Tashkent, 8 Jun 54)

SO: SUN 318, 23 Dec 1954

SHAAKRAMOV, K. S.

Coefficient of correlation in subspecies of dent and flint corn,
Dokl. AN Uz. SSR no. 6:34-36 '59. (MIRA 12:9)

1. Institut genetiki i fiziologii rasteniy AN UzSSR. Predstavleno
chlenom-korrespondentom AN UzSSR S.S. Sadykovym.
(Corn (Maize))

SHAAKRAMOV, K.Sh.

Ratio of root weight to the entire weight of the aboveground
crop of alfalfa with relation to density of stand. Dokl.AN Uz
SSR no.8:47-49 '59. (MIRA 12:11)

1. Institut genetiki i fiziologii rasteniy AN UzSSR. Predstavleno
chlenom-korrespondentom AN UzSSR A.M.Mal'tsevym.
(Alfalfa)

GOLODKOVSKIY, V.L.; SHAAKRAMOV, K.Sh.

Development of aerial parts and the root system in perennial
grasses. Uzb. biol. zhur. no.1:36-41 '61. (MIRA 14:3)

1. Institut genetiki i fiziologii rasteniy AN UzSSR.
(GRASSES)

VLADIMIROV, O.A., inzh.; LOBKO, N.I., inzh.; SHAANOV, A.I., inzh.

Small-size hourmeters for tractor engines. Trakt. i sel'khozmasb.
no.1:36-37 Ja '65. (MIRA 18:3)

1. Vladimirskiy zavod "Avtopribor" (for Vladimirov). 2. Vladimirskiy
traktorny zavod (for Lobko, Shaanov).

GUTERMAN, I.I., kand. tekhn. nauk; FILIMONOV, A.I., kand. tekhn. nauk; SHAANOV,
A.I., inzh.

Balancing the D21 two-cylinder diesel engine. Trakt. i sel'khoz mash.
no.7:8-11 J1 '65. (MIRA 18:7)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktorny in-
stitut (for Guterma, Filimonov). 2. Vladimirskiy traktorny zavod
(for Shaanov).

SHAANOVA, A.N.

Reflection of "zero sound" from a rigid wall. Soob. AN
Gruz. SSR 33 no. 2:301-307 F '64. (MIRA 17:9)

1. Institut kibernetiki AN Gruzsinskoy SSR. Predstavleno
chlenom-korrespondentom AN GruzSSR M.M.Mirianashvili.

ACCESSION NR: AP4042568

S/0056/64/046/006/2052/2062

AUTHOR: Shaanova, A. N.

TITLE: Reflection of zero sound from a rigid wall

SOURCE: Zh. eksper. i teor. fiz., v. 46, no. 6, 1964, 2052-2062

TOPIC TAGS: zero sound, Fermi liquid, kinetic theory, wave reflection, elementary particle

ABSTRACT: The propagation of zero sound in a semi-infinite medium, i.e., the reflection of zero sound from an infinitely hard stationary wall, is analyzed with the aid of the kinetic equation for elementary excitations in a Fermi liquid, on the basis of the Landau Fermi-liquid theory. The reflection of the quasiparticles from the walls is assumed diffuse. It is shown that when zero sound is reflected, energy dissipation takes place at the wall and reaches appreciable values at some angles of incidence; this energy dissipation

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is connected in the kinetic analysis with the redistribution of the momenta of the quasiparticles at the wall, and determine also the reflection coefficient of zero sound from the solid wall. The dependence of the reflection coefficient on the angle of incidence is investigated and is found to be appreciable. Independently of the type of Fermi liquid, the reflection coefficient assumes a zero value at some value of the angle of incidence, and becomes equal to unity in the case of glancing incidence. The minimum of the reflection coefficient (which is equal to zero) is attained at the point where a transition takes place from reflection without loss of a half wave to reflection with loss of a half wave. "In conclusion the author is grateful to Professor I. M. Khalatnikov for suggesting the topic and for valuable discussions." Orig. art. has: 3 figures and 30 formulas.

ASSOCIATION: Institut Kibernetiki Akademii nauk Gruzinskoy SSR
(Institute of Cybernetics, Academy of Sciences Georgian SSR)

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ACCESSION NR: AP4042568

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NR REF SOV: 005

OTHER: 002

Card 1 3/4

SHABAD, A.L. (Moskva)

Cortisone and ACTH in some urological diseases; a review of
foreign literature. Urologia no.3;86-89 J1-S '55 (MLRA 8:10)

(URINARY TRACT, dis.
ther., cortisone, & ACTH, review)

(CORTISONE, ther. use
urinary tract dis. with ACTH, review)

(ACTH, ther. use
urinary tract dis., with cortisone, review)

SHABAD, A.L.
SHABAD, A.L.

Hyaluronidase preparations in surgery and urology; review of the literature. Eksper.khir. 2 no.5:61-66 S-O '57. (MIRA 11:2)

1. Iz kafedry urologii (zav. - prof. I.M.Epshteyn) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

(HYALURONIDASE, ther. use
in operative surg. & urol., review (Rus))
(SURGERY, OPERATIVE,
hyaluronidase in, review (Rus))
(UROLOGY,
same)

SHABAD, A.L.

Adenomatoid tumors of the appendix testis. Urologia, 23 no.1:32-36
Ja-F '58. (MIRA 11:3)

1. Iz kafedry urologii (zav.-prof. I.M.Špshteyn) I Moskovskogo ordena
Lenina meditsinskogo instituta imeni I.M.Sečenova.

(TESTES, neoplasms
teratoma of appendix testis)
(TERATOMA
appendix testis)

SHABAD, A.I.

Advances in hormone therapy for cancer of the prostate gland;
foreign literature. Urologia 23 no.2:69-73 Mr-Apr '58. (MIRA 11:4)

1. Iz kafedry urologii (zav. - prof. I.M.Ipshteyn) I Moskovskogo
ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

(PROSTATE, neoplasms
ther., hormones, review (Rus))